

ABSTRACT OF THE DISCLOSURE

A liquid ejection recording head for effecting recording by ejecting first liquid and second liquid which is a different kind of liquid through different ejection outlets, while bi-directionally scanning a recording material in a scanning direction includes a group of first ejection outlet arrays each of which has a plurality of ejection outlets at predetermined intervals arranged in a direction different from the scanning direction, wherein corresponding ejection outlets in the respective ejection arrays are aligned in the scanning direction; a group, disposed adjacent the group of the first ejection outlet arrays, of second ejection outlet arrays arranged in a manner similar to the first ejection outlet array group; wherein the first ejection outlet arrays include a first ejection outlet array for ejecting the first liquid and a second ejection outlet array for ejecting the second liquid; wherein the second ejection outlet arrays include a third ejection outlet array for ejecting the first liquid and a fourth ejection outlet array for ejecting the second liquid; wherein the first ejection outlet array group and the second ejection outlet array group are disposed such that first ejection outlet array and third ejection outlet array are adjacent to each other and that ejection outlets of the first ejection outlet

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